

MATERIAL SAFETY DATA SHEET

DPM 1344
Cleaner, Alkaline,
Aluminum Spray

SEP 24 1980

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

JAN 22 1982

SECTION I

MANUFACTURER'S NAME OAKITE PRODUCTS, INC.		EMERGENCY TELEPHONE NO. 201-464-6900
ADDRESS (Number, Street, City, State, and ZIP Code) 50 Valley Road, Berkeley Heights, New Jersey 07922		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Oakite 161
CHEMICAL FAMILY Alkali	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Sodium meta silicate				60	Not established
Sodium carbonate				15	Not established
Inorganic phosphate salt as P				4.7	Not established

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1) Bulk density	9.6 #/gal.
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____=1)	N/A
SOLUBILITY IN WATER @ 70°F. Moderate @ 180°F. Appreciable		pH @ 1 oz/gal.	12.3
APPEARANCE AND ODOR White free-flowing powder: bland odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None.	FLAMMABLE LIMITS N/A	Lel	Uel
EXTINGUISHING MEDIA Will not burn or support combustion.			
SPECIAL FIRE FIGHTING PROCEDURES N/A			
UNUSUAL FIRE AND EXPLOSION HAZARDS None.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE Mixture: unknown. Not established for any components. See Section

EFFECTS OF OVEREXPOSURE Direct contact may cause burns of eyes and skin. Inhalation of concentrated mist may cause irritation of mucous membranes.

EMERGENCY AND FIRST AID PROCEDURES Immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. For eyes, get medical attention. Wash clothing and shoes before reuse. For inhalation, remove from exposure.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID	N/A
	STABLE	X		
INCOMPATIBILITY (Materials to avoid) Highly acidic materials.				
HAZARDOUS DECOMPOSITION PRODUCTS N/A				
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	N/A
	WILL NOT OCCUR	X		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Sweep up dry powder. In any case, flush area with plenty of water.

WASTE DISPOSAL METHOD Neutralize with acidic material, dilute and discharge according to federal, state and local regulations. Phosphate removal may be necessary.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) N/A			
VENTILATION	LOCAL EXHAUST	Provide adequate ventilation	SPECIAL at elevated temperatures
	MECHANICAL (General)		for OTHER removal of mist.
PROTECTIVE GLOVES Rubber		EYE PROTECTION Safety goggles	
OTHER PROTECTIVE EQUIPMENT Apron and/or other suitable protective clothing.			

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing concentrated mist. Suitable for general storage at moderate temperature.

OTHER PRECAUTIONS High temperature storage may cause slight caking. Keep container closed when not in use.